

# PATENT ABSTRACTS OF JAPAN

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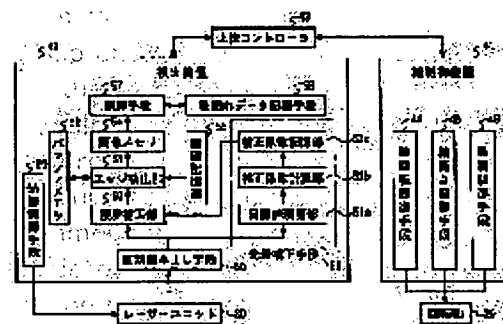
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## (54) METHOD AND DEVICE FOR PART MOUNTING

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To perform accurate part mounting even when a nozzle rotation center itself displaces due to play between a sucking head and a bearing supporting it, etc.

**SOLUTION:** Before a normal operation for sucking/mounting a part, a nozzle is rotated for a detection unit 30 to detects a projected image of a nozzle tip end, a nozzle center position relative to a pre-set reference position (the center of a detector of the detection unit 30) is obtained by a calculation means 57, etc., and the nozzle center position corresponding to a rotational angle is stored in an axis fluctuation data storage means 58. During the normal operation for sucking/mounting parts, the correction amount at part mounting is obtained based on part's projected image detected by the detection unit 30, the reference position, and the data of the nozzle center position stored in the axis fluctuation data storage means 58.



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